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	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

<b>Term:</b>	('6023673')!.PN.
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<b>Display:</b>	<input type="text" value="50"/> Documents in	<b>Display Format:</b>	<input type="text" value=""/>	<b>Starting with Number</b>	<input type="text" value="1"/>
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<b>Generate:</b>	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
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#### Set Name Query

side by side

DB=PGPB,USPT; PLUR=YES; OP=ADJ

**Hit Count**   **Set Name**  
 result set

<u>L51</u>	('6023673')!.PN.	1	<u>L51</u>
<u>L50</u>	L48 and (international business).as.	5	<u>L50</u>
<u>L49</u>	L48 and trend	4	<u>L49</u>
<u>L48</u>	L47 and @ad<20010101	131	<u>L48</u>
<u>L47</u>	vector near2 distance near2 (smallest or minimum)	168	<u>L47</u>
<u>L46</u>	vector near3 distance near3 (smallest or minimum)	284	<u>L46</u>
<u>L45</u>	vector near5 distance near5 (smallest or minimum)	458	<u>L45</u>
<u>L44</u>	L43 and (vector near5 distance)	0	<u>L44</u>
<u>L43</u>	5848404.pn.	1	<u>L43</u>
<u>L42</u>	L41 and vector	1	<u>L42</u>
<u>L41</u>	('6567709')!.PN.	1	<u>L41</u>
<u>L40</u>	L39 and @ad<20010101	58	<u>L40</u>
<u>L39</u>	L38 same L31	91	<u>L39</u>
<u>L38</u>	dot near2 product or polynomial	24322	<u>L38</u>
<u>L37</u>	dot near2 product near2 vector near2 (converting or changing)	1	<u>L37</u>
<u>L36</u>	dot near2 product near2 vector near2 transforming	1	<u>L36</u>

<u>L35</u>	dot near2 product near2 vector	1459	<u>L35</u>
<u>L34</u>	polynomial convolution	16	<u>L34</u>
<u>L33</u>	transforming near3 first near3 second vector	3	<u>L33</u>
<u>L32</u>	transforming adj vector	1311	<u>L32</u>
<u>L31</u>	transform\$5 near3 vector	35923	<u>L31</u>
<u>L30</u>	transform\$5 near3 vector near3 (dot-product or dot product)	13	<u>L30</u>
<u>L29</u>	transform\$5 near3 vector near3 (dot-product or dot product)	13	<u>L29</u>
<u>L28</u>	transform\$5 near3 vector near3 polynomial	5	<u>L28</u>
<u>L27</u>	transform\$5 near6 vector	42970	<u>L27</u>
<u>L26</u>	L23 and partition\$3	1	<u>L26</u>
<u>L25</u>	L23 and (vector same partition\$3)	1	<u>L25</u>
<u>L24</u>	L23 and vector	1	<u>L24</u>
<u>L23</u>	('6665790')!.PN.	1	<u>L23</u>
<u>L22</u>	L21 and (vector same partition\$3)	5	<u>L22</u>
<u>L21</u>	('20010024335'  '6665790'  '6553063'  '6504877'  '6341284')!.PN.	5	<u>L21</u>
<u>L20</u>	L19 and @ad<20010101	106	<u>L20</u>
<u>L19</u>	L17 near9 L8	187	<u>L19</u>
<u>L18</u>	L17 with L8	225	<u>L18</u>
<u>L17</u>	vector	206072	<u>L17</u>
<u>L16</u>	L15 and temporal	1	<u>L16</u>
<u>L15</u>	5491758.pn.	1	<u>L15</u>
<u>L14</u>	L13 and vector	2	<u>L14</u>
<u>L13</u>	('20010024335'  '5491758')!.PN.	2	<u>L13</u>
<u>L12</u>	L10 same L8	15	<u>L12</u>
<u>L11</u>	L10 same L9	3	<u>L11</u>
<u>L10</u>	generat\$3 near3 vector	23440	<u>L10</u>
<u>L9</u>	partition\$3 near3 (dataset or data set)	522	<u>L9</u>
<u>L8</u>	partition\$3 near3 data	8397	<u>L8</u>
<u>L7</u>	L4 and (trend\$3 near3 data)	1	<u>L7</u>
<u>L6</u>	vector near3 partition\$3 near3 trend\$3	0	<u>L6</u>
<u>L5</u>	(vector near3 partition\$3 near3 data) same trend\$3	0	<u>L5</u>
<u>L4</u>	L3 and @ad<20010101	61	<u>L4</u>
<u>L3</u>	vector near3 partition\$3 near3 data	95	<u>L3</u>
<u>L2</u>	generating near3 vector near3 partition\$3	7	<u>L2</u>
<u>L1</u>	vector near3 partition\$3	724	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

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	IBM Technical Disclosure Bulletins

<b>Term:</b>	( '6741983'   '6480522' ) !.PN.
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<b>Display:</b>	<input type="text" value="50"/>	<b>Documents in Display Format:</b>	<input type="text" value=""/>	<b>Starting with Number</b>	<input type="text" value="1"/>
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### Search History

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Set Name Query  
side by side

Hit Count Set Name  
result set

*DB=PGPB,USPT; PLUR=YES; OP=ADJ*

<u>L4</u>	('6741983'   '6480522')!.PN.	2	<u>L4</u>
<u>L3</u>	L2 and @ad<20010101	52	<u>L3</u>
<u>L2</u>	L1 and trend	98	<u>L2</u>
<u>L1</u>	vector same data same partition\$3	1054	<u>L1</u>

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### 1 [A unified framework for model-based clustering](#)

Shi Zhong, Joydeep Ghosh

 December 2003 **The Journal of Machine Learning Research**, Volume 4

 Full text available: [pdf\(651.48 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Model-based clustering techniques have been widely used and have shown promising results in many applications involving complex data. This paper presents a unified framework for probabilistic model-based clustering based on a bipartite graph view of data and models that highlights the commonalities and differences among existing model-based clustering algorithms. In this view, clusters are represented as probabilistic models in a model space that is conceptually separate from the data space. For ...

### 2 [Combining proximity criteria with nature-of-the-spot criteria in architectural and urban design space planning problems using a computer-aided space allocation technique: A proposed technique and an example of its application](#)

Donald P. Grant

 June 1972 **Proceedings of the 9th workshop on Design automation**

 Full text available: [pdf\(531.80 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Computer-aided space allocation or space planning techniques have been an active research area in the development of automated design assistance techniques. Miller (1971), in his thorough survey of and bibliography for this area, suggested that while the future of geometric space planning would undoubtedly lie in the direction of highly sophisticated, interactive graphic systems for use by the designer, there is an interim need for immediately applicable techniques for use by the design pro ...

### 3 [An integrated multiprocessing array for time warp pattern matching](#)

Bryan Ackland, Neil Weste, D. J. Burr

 May 1981 **Proceedings of the 8th annual symposium on Computer Architecture**

 Full text available: [pdf\(543.33 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Pattern matching by dynamic time warp has recently been widely applied in the fields of speech and visual pattern recognition. A new approach to this technique that is based on an orthogonal array of simple processing elements is presented. The approach emphasizes using parallel computation and pipelined data flow to achieve extremely high throughput. The internal architecture of the basic processing element and an integrated CMOS implementation are described. Simulation estimates indicate ...

**4 Using examples to describe categories**

Susan T. Dumais, Thomas K. Landauer

December 1983 **Proceedings of the SIGCHI conference on Human Factors in Computing Systems**Full text available: pdf(330.01 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The successful use of menu-based information retrieval systems depends critically on users understanding the category names and partitions used by system designers. Some of the problems in this endeavor are psychological and have to do with naming large and ill-defined categories so that users can understand their contents, and effectively partitioning large sets of objects. Systems of interest (like home information systems) often consist of new and frequently changing content in large and ...

**5 Applications: Good NEWS: partitioning a simple polygon by compass directions**

Marc van Kreveld, Iris Reinbacher

June 2003 **Proceedings of the nineteenth annual symposium on Computational geometry**Full text available: pdf(308.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Motivated by geographic information retrieval, we study the problem of partitioning a simple polygon into four parts that can be considered as the North, East, West, and South. We list criteria for such partitionings, propose formalizations into geometric problems, and give efficient algorithms. An implementation and tests on country outlines show the results for three different partitionings.

**Keywords:** equal-area partitioning, simple polygon, spatial information retrieval

**6 Measuring and predicting visual fidelity**

Benjamin Watson, Alinda Friedman, Aaron McGaffey

August 2001 **Proceedings of the 28th annual conference on Computer graphics and interactive techniques**Full text available: pdf(616.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper is a study of techniques for measuring and predicting visual fidelity. As visual stimuli we use polygonal models, and vary their fidelity with two different model simplification algorithms. We also group the stimuli into two object types: animals and man made artifacts. We examine three different experimental techniques for measuring these fidelity changes: naming times, ratings, and preferences. All the measures were sensitive to the type of simplification and level of simplification ...

**Keywords:** human vision, image quality, model simplification, naming time, perception, visual fidelity

**7 CueVideo (demonstration abstract): automated video/audio indexing and browsing**

Arnon Amir, Savitha Srinivasan, Dulce Ponceleon, Dragutin Petkovic

August 1999 **Proceedings of the 22nd annual international ACM SIGIR conference on Research and development in information retrieval**Full text available: pdf(133.59 KB) Additional Information: [full citation](#), [citations](#), [index terms](#)


**Keywords:** audio search, distance learning, storyboard, video search and browse, video summaries

8 [Flexible controlpath microarchitecture synthesis based on artificial intelligence](#)



A. J. W. M. ten Berg

November 1992 **Proceedings of the conference on European design automation**





Full text available:  [pdf \(692.89 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

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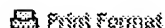
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summing <and> distance <and> lowest

**Search**

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## Results Key:

**JNL** = Journal or Magazine   **CNF** = Conference   **STD** = Standard

**1 Femtosecond pulse delivery through large-core microstructured fiber**  
*Ouzounov, D.G.; Moll, K.D.; Foster, M.A.; Zipfel, W.; Webb, W.W.; Gaeta, A.*  
Lasers and Electro-Optics, 2002. CLEO '02. Technical Digest. Summaries of Papers Presented at the , 19-24 May 2002  
Pages:455 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(277 KB\)\]](#)   **IEEE CNF**

**2 Spectral density of the intensity at the receiver in dispersive fiber line**  
*Marshall, W.K.; Crosignani, B.; Yariv, A.*  
Lasers and Electro-Optics, 1999. CLEO '99. Summaries of Papers Presented at Conference on , 23-28 May 1999  
Pages:329

[\[Abstract\]](#)   [\[PDF Full-Text \(124 KB\)\]](#)   **IEEE CNF**